

## **NAVY CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND ENVIRONMENTAL CASUALTY CARE MANAGEMENT COURSE**

The threat of an attack, whether during combat or by terrorists, using weapons of mass destruction, including chemical, biological, radiological and environmental (CBRE) agents, is greater now than it has been in over a decade.

The Navy Environmental Health Center and the Navy Environmental and Preventive Medicine Units have developed two courses for medical department personnel supporting Navy and Marine Corps operations. These courses were designed by experts in the field to provide medical department personnel with the essential skills to manage casualties, whether deployed or in garrison, during peacetime, combat, or military operations other than war.



The 3-day course is designed specifically for clinical providers, including physicians, nurses, physician assistants, nurse practitioners, dentists, and independent duty hospital corpsmen who might provide front line or rear echelon treatment to CBRE casualties. The course covers all aspects of CBRE medical management, and is culminated with a thought provoking interactive tabletop exercise involving one or more of the potential agents. Read ahead material is provided and there is a pre and post test. The 1-day course is designed to provide comprehensive information and education in the CBRE threat and appropriate medical response, to assist ancillary personnel and medical planners in preparedness initiatives and in integrating themselves into the overall medical response to these threats. The 1-day course will only be offered in conjunction with the 3-day course if travel is involved.

Courses may be held at either the NEPMUs or on-site at the requesting command. NEHC will fund all expenses incurred by instructors. Field exercises and/or drills may be offered during courses at NEPMUs.



Environmental Health Center, at (757) 462-5404/2178 (DSN 253).

NEMPU-2	(757) 444-7671 X 306
NEPMU-5	(619) 556-7070
NEPMU-6	(808) 473-0555
NEPMU-7	39-095-56-4101

Courses are now being scheduled for the remainder of FY99 and for FY00. NEHC/ NEPMU personnel will provide course materials and will travel to the requesting command to provide these services. Certificates of completion will be issued, and Continuing Education Credits for licensed practitioners will be awarded for successful completion of the 3-day course. CE credits for the 1-day course may be provided, and either course qualifies for continuing education training for Emergency Medical Technicians at all levels.



Optimal course size for the 3-day course is 45-50 students, but smaller classes may be accommodated.

For additional information, or to schedule a course, contact your nearest NEPMU, or the CBRE Office at the Navy

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	3-Day Course (Providers)		1-Day Course (Staff)
Day #1	Day #2	Day #3	
Course Overview	Review of Biological Agents	Review of Chemical Agents	Course Overview
CBRE Warfare Threat	Terrorism Brief	Introduction/General Aspects of Radiological Agents	CBRE Warfare Threat
Introduction/General Aspects of Biological Agents	Introduction/General Aspects of Chemical Agents	Basic Radiation Physics	Terrorism Brief
Bacterial Agents	Nerve Agents	Medical Effects of Ionizing Radiation	General Overview of Biological Agents
Viral Agents	Vesicants	Treatment of Radiation Casualties	General Overview of Chemical Agents
Biological Toxins	Pulmonary Agents/Cyanide	Defense Against Radiological Agents	General Overview of Radiological Agents
Defense Against Biological Agents	Riot Control and Incapacitating Agents	Review of Radiological Agents	Triage and Treatment of Casualties in Contaminated Areas
Personal Protective Equipment	Defense Against Chemical Agents	Triage and Treatment of Casualties in Contaminated Areas	Echelons of Care
Decontamination Procedures	Perceptions and Reactions to the Use of Weapons of Mass Destruction	Echelons of Care	Personal Protective Equipment
		Practical Case Scenarios	Perceptions and Reactions to the Use of Weapons of Mass Destruction